Pacific Rim Innovation Symposium

CAPT David Tyler
NWDC
Navy Center for Innovation
10 October 2012

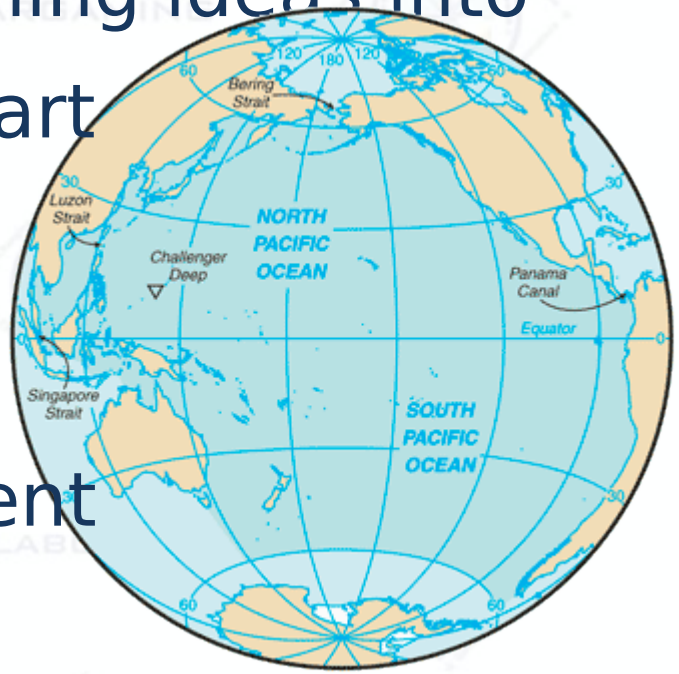
Welcome

- Third major event in our Innovation Campaign
  - Focus on Pacific region issues and opportunities
  - Target audience: E5s to O5s

- Campaign theme: Regaining the Innovation Advantage… Awakening our Creative DNA
  - Facilitate collaboration & discussions that spurs new ideas
  - Ignite and spread a spirit of innovation that will yield long-term advantages in warfighting

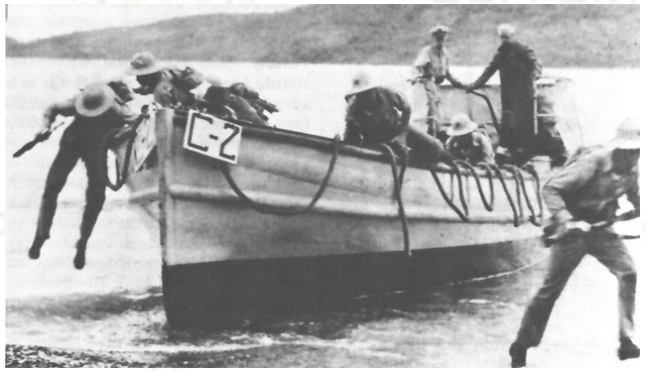
Symposium Objectives

- Educate junior leaders on importance of innovation
- Introduce ways for transforming ideas into capabilities
- Draw out problems that thwart junior leaders
- Promote debate on the employment of seapower
- Solicit ideas to address current Fleet challenges



Defense Connect Online

- Discussions over DCO must be UNCLASSIFIED
- Comments in the auditorium must be UNCLASSIFIED
- Discussions in break out rooms may be SECRET
- Questions / comments:
  - DCO audience: use the online chat feature
  - Verbally (use microphone so DCO audience can hear)
  - On note cards



Agenda

10 OCT (PDT)	Topic	Speaker
1100	Registration and Check-in. Shuttle bus arrives from 32nd Street Naval Station (if required)	
1200	Welcome	CAPT Bryan S. Lopez, Executive Officer, SPAWAR Systems Center Pacific
1210	Opening Remarks	RADM Terry B. Kraft , Commander, Navy Warfare Development Command (NWDC); CAPT David Tyler, ACoS, NWDC Concepts and Innovation
1240	Innovation in Addressing Pacific AOR Challenges	ADM Cecil D. Haney, Commander, U.S. Pacific Fleet (via VTC)
1315	Office of Naval Research Innovation	Dr. Larry Schuette, director, Office of Innovation, Office of Naval Research
1400	Innovation “on the Outside”	Ms. Navrina Singh, Qualcomm Innovation Network lead
1445	Introduction of Breakout Group Issues	CTRC Andrew Krueger, SPAWAR Systems Center Pacific
1515	Breakout Group Discussions	
1700	End of Day 1 Program. Shuttle bus departs for 32nd Street Naval Station at 1715 (if required)	
11 OCT		
1130	Day 2 check in. Shuttle bus arrives from 32nd Street Naval Station (if required)	
1200	Navy Innovation Resources	CAPT David Tyler, ACoS, NWDC Concepts and Innovation
1230	Innovation on the Deckplates	MCPO Charles Ziervogel, command master chief and head of TechSolutions, Office of Naval Research
1315	Socializing and Developing Ideas: Networking, Writing, Social Media & Application of Innovation in Maritime Security	Capt. Alex Martin, U.S. Marine Corps Reserve and president, Skye Maritime, LLC
1400	Military Success Story: Innovation in Trauma Care	CAPT Kris M. Belland, force surgeon, Naval Air Forces
1445	Senior Enlisted Leadership Innovation Perspective	ITCS Jeremy Morris, SPAWAR Systems Center Pacific
1530	Breakout Group Discussions	
1645	Plenary Discussion of Breakout Topics	Moderator: CAPT David Tyler, ACoS, NWDC Concepts and Innovation
1730	Way Ahead/Closing	RADM Terry B. Kraft, Commander, NWDC
1745	End of Day 2 Program. Shuttle bus departs for 32nd Street Naval Station at 1800 (if required)	

Questions

“There is a tide in the affairs of men, Which taken at the flood, leads on to fortune. Omitted, all the voyage of their life is bound in shallows and in miseries. On such a full sea are we now afloat. And we must take the current when it serves, or lose our ventures.” - Shakespeare

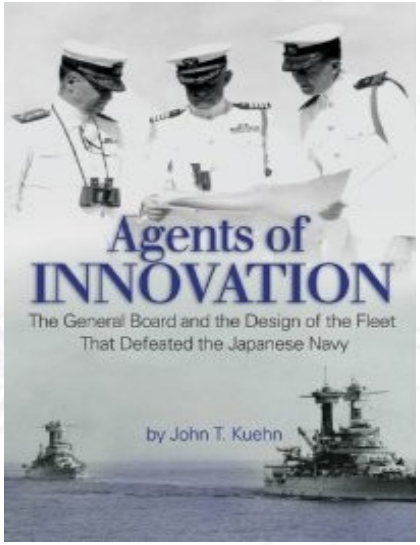
UNCLASSIFIED

Reinvigorating a Culture of Innovation

RADM Terry Kraft
Commander Navy Warfare Development Command
10 October 2012

Successful Naval Innovation

- Dramatic surge in new capabilities during the interwar years (1919-1941) despite severe challenges
  - Carrier aviation
  - Amphibious assault
  - Replenishment at sea
  - Submarine warfare
  - Electronic warfare
- We face similar conditions today
  - Declining resources
  - Strategic uncertainty
  - Rapid technological change



Innovation can occur in the face of constraints…. innovation was affected in
a positive way by physical, strategic, and materiel constraints. - *John T. Kuehn*

Innovation Campaign

- Campaign Objectives
  - Reinvigorate conditions for an innovation culture
  - Overcome internal barriers to innovation
  - Educate, inspire, and create a channel for innovation from the deckplates
  - Regain the Navy's innovation advantage vis-à-vis potential adversaries
- End state: An agile, innovative force that can control and project power from the sea

Lines of Effort

- Periodic innovation symposiums
  - Mar, Jun, Oct
- Innovation speaker series
  - ADM Pueher, RADM Wray, Mr. Carmel,
- Online tools to spur collaboration (DCO, Blogs)
- Harvesting ideas from the Fleet
- Concept generation & development process
- Military education & training outreach
  - Battlefield staff rides, speaking events

Previous Symposiums

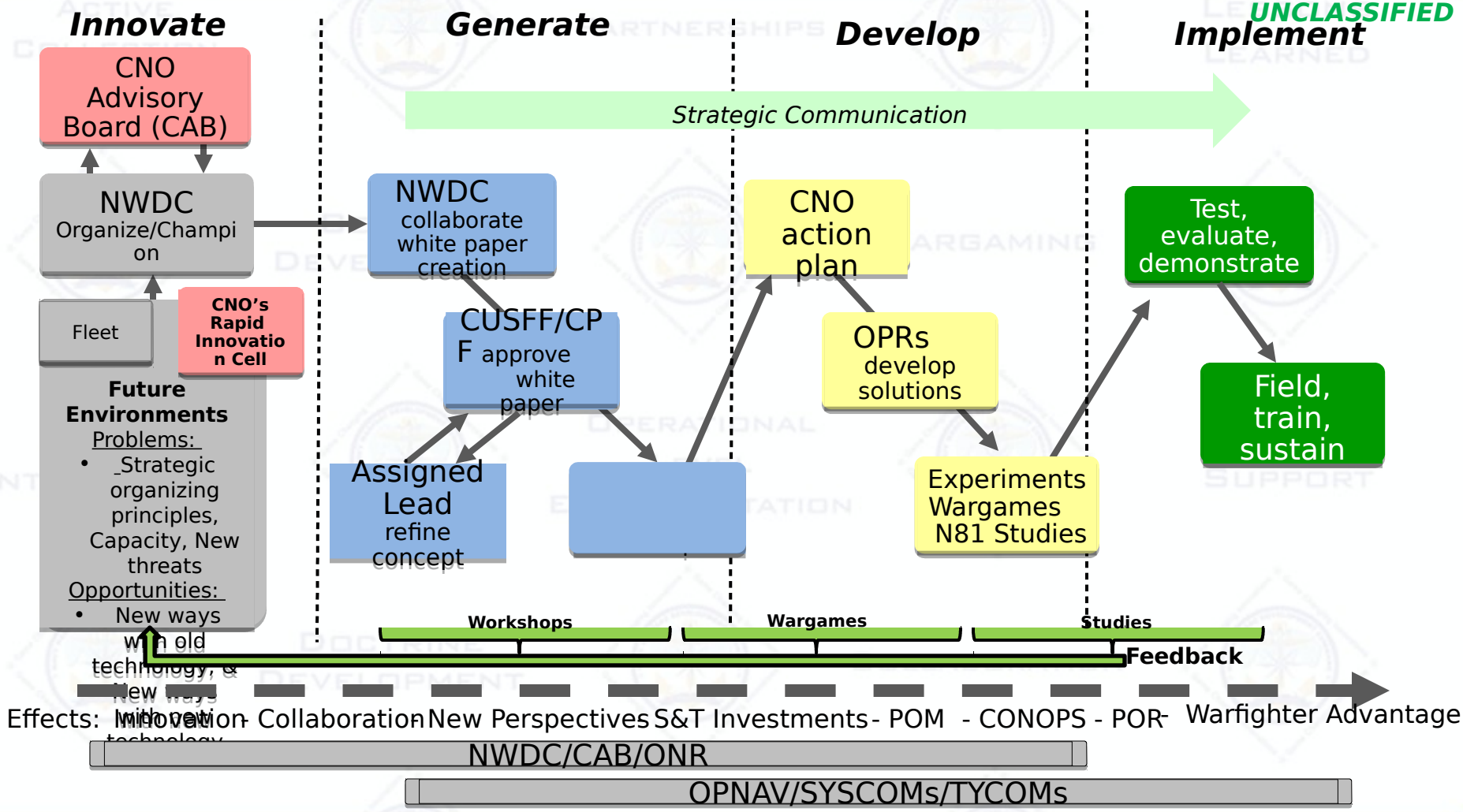
March: Maritime Innovation Symposium

- Objectives:
  - Identify innovation processes, and impediments
  - Propose ways to remove obstacles and instill a culture of innovation
  - Harvest ideas that can be turned into action
- Takeaways:
  - Identified best practices and historical lessons
  - Live video and DCO chat very effective
  - Collected specific ideas for further investigation
  - Elevated awareness of significance of innovation

June: Junior Leader Innovation Symposium

- Objectives:
  - Educate Junior Leaders on importance of innovation
  - Explore new ways to organize, connect, and proliferate open discussion venues
  - Deputize junior leaders, and harvest their creative energy to tackle emerging challenges
- Takeaways:
  - Junior leaders need a senior advocate to get an idea adopted
  - Navy culture must embrace the unique strengths of the Millennial Generation
  - Navy technology often makes life harder, not easier
  - Tactical development / innovation is largely eclipsed by other duties
  - Junior leaders are dissatisfied with the personnel system

Navy Concept Process



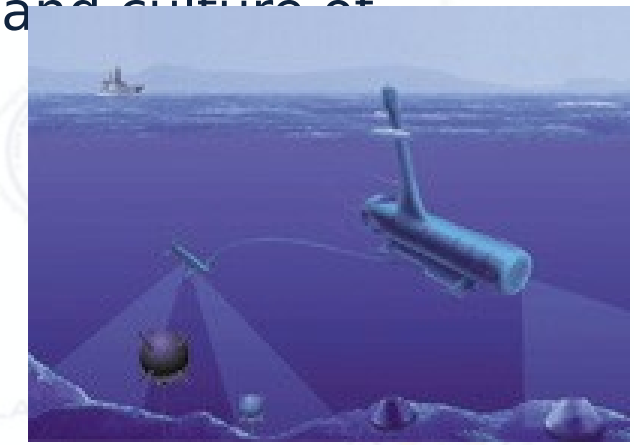
Current Activities

- Harvesting ideas: processing 17 potential concepts
- Implementing a new CGCD process
- NIPR innovation blog online; SIPR coming soon
- Planning online crowd-sourci th ONR and NPS
- Revitalized NLLS and NDLS

Navy Center for Innovation – Transforming ideas into realities

Expectations: All Hands

- ADM Harvey *"…there are some very smart Sailors and JOs out there who both care deeply about what they are doing and have the knowledge, insight and experience to give us ideas that can significantly improve many fundamental aspects of how we do business today."*
- You own the future. You have a professional obligation and vested interest to shape the capabilities and culture of tomorrow's Fleet.
  - Think deeply
  - Question continuously
  - Debate rigorously
  - Read broadly
  - Write boldly
  - Communicate your ideas to leadership



This is an opportunity to step forward & speak up – make the most of it

Visit the *Navy Center for Innovation*

https://www.nwdc.navy.mil/ncoi/default.aspx

Email us at:

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